

Please type a plus sign (+) inside this box

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number Not Assigned

Filing Date July 16, 2004

First Named Inventor Gunter LABAN et al.

Group Art Unit Not Assigned

Examiner Name Not Assigned

Attorney Docket Number 42804-205435

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
DL	A1	US	4 797 298	BRENNAN, Thomas et al.	03-20-1997	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₅
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
DL	A2	DE	195 33 881	A		03-20-1997		
DL	A3	DE	196 01 787	C		07-24-1997		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DL	A4	BULMAN PAGE PC; "An enantioselective synthesis of R-(+)-alpha lipoic acid", Journal of Chemical Society Perkin Transactions I 1999, XP009010605 USA, pgs. 1615-1618.	
DL	A5	GOPALAN AS et al., "Baker's yeast reduction of alkyl 6-chloro-3-oxohexanoates: synthesis of (R)-(+)-alpha lipoic acid", Journal of Chemical Society Perkin Transactions I 1990, XP009010601 USA, pgs. 1897-1900.	
DL	A6	BROOKES MH et al., "Synthesis of alpha-(R)-and alpha-(S)-lipoic acid from (S)-malic acid", Journal of Chemical Society Perkin Transactions I 1988, XP009010600 USA, pg. 11	
DL	A7	DHAR P et al., "Piperidinium tetrathiothungstate as sulfur transfer reagent: synthesis of cyclic disulfides", Journal of Organic Chemistry, 57, 1992, XP002241606 USA, pgs. 1699-1702.	
DL	A8	CRUMP DR, "Synthesis of (2S)-2-propylthietan", Australian Journal of Chemistry, Vol. 35, 1982, pgs. 1945-1948, XP002241607 AUSTRALIA.	

Examiner Signature	/Deborah Lambkin/	Date Considered	11/20/2006
-----------------------	-------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DOCS#584363

VENABLE
ATTORNEYS AT LAW

Please type a plus sign (+) inside this box

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete If Known

Application Number	10/501,729
Filing Date	July 16, 2004
First Named Inventor	Gunter LABAN et al.
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	42804-205435

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
DL	A1	6,013,833		GEWALD et al.	01-11-2000	
DL	A2	6,229,042	B1	GEWALD et al.	05-08-2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
DL	A3	DE	197 09 069	C2	Rainer Gewald et al.	09-17-1998		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner
Signature

/Deborah Lambkin/

Date
Considered

11/20/2006

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

#589932

SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

VENABLE
ATTORNEYS AT LAW